

**Abstract****Method for the Compressed Cordless Communication Between a Base Station and a Plurality of Mobile Parts**

- Method for the compressed cordless communication between a base station and a plurality K of mobile parts via a plurality of  $K^* < K$  physical radio channels comprises the method steps:
- acquisition of pause sections in the respective transmission data in the base station and the mobile parts;
  - storing the transmission data in a transmission data memory (3, 15) in the base station and in the mobile parts;
  - storing the appertaining transmission data and transmission pause time reference information in a transmission time reference memory (6, 17) in the base station and in the mobile parts;
  - communicating the time reference information from the mobile parts to the base station;
  - determining transmission time intervals of the base station and of the mobile parts with a control means (5) implemented in the base station;
  - transmitting the transmission time intervals allocated to the individual base stations from the base station to the respective mobile parts

20 Figure 1.

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